

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

CORNING GLASS WORKS - ZIRCOA PRODUCTS
#OHD 097-947-097

Corning Glass Works - Zircoa Products is located in an area of industrial development just west of the city of Solon. The site is bordered on the north and east by railroad tracks; on the west side is an unnamed tributary (storm sewer) to Tinkers Creek.

Zircoa Products submitted an application for a RCRA Part A Permit but, upon initial inspection, it was discovered the facility qualified as a small quantity generator (8/3/81). Correspondence was sent to OEPA, Central Office in Columbus regarding the withdrawal of the application. Wastewater discharges have been monitored by OEPA, Division of Industrial Wastewater since 1958; the company has had an NPDES permit since 1974.

The close proximity to a surface water creates the potential for contamination should a spill occur on the site. (Small amounts of waste oil and solvent are stored in drums).

Due to the upcoming lowered RCRA exemption for small quantity generators, we recommend a low priority for state inspection of Zircoa's storage facility and current amount of waste generation/accumulation. No FIT or CERCLA-related activities are required at Zircoa Products at this time.

Low FIT, too.

PW:kr
October 8, 1984



the

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POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
OH D097947097

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Corning Glass Works - Zircoa Prod.		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 31501 Solon Rd.			
03 CITY Solon	04 STATE OH	05 ZIP CODE 44139	06 COUNTY Cuyahoga	07 COUNTY CODE 035	08 CONG DIST 19
09 COORDINATES LATITUDE 41° 28' 30" N		LONGITUDE 81° 23' 30" W			
10 DIRECTIONS TO SITE (Starting from nearest public road) From Cleveland; I-271 to Forbes Road exit (Bedford). East on Forbes to north on Richmond to east on Solon Rd.					

III. RESPONSIBLE PARTIES

01 OWNER (If known) CORNING GLASS WORKS		02 STREET (Business, mailing, residential) MAIN PLANT 8-4			
03 CITY CORNING	04 STATE NY	05 ZIP CODE 14830	06 TELEPHONE NUMBER 607-974-9000		
07 OPERATOR (If known and different from owner) Same as site		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER 216-248-0500		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☒ A. RCRA 3001 DATE RECEIVED: 8/19/80 MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 8/3/81 MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1952 Still Operating BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Recycle acids after use in Zirconia process (Corrosive)
Storage in tanks; waste oil in drums.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
Surface Water (Environment/Population)

V. PRIORITY ASSESSMENT F.I.T. PRIORITY

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☒ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Gary Gifford	02 OF (Agency/Organization) OEPA, NEDO/DSHWM		03 TELEPHONE NUMBER 216-425-9171	
04 PERSON RESPONSIBLE FOR ASSESSMENT Pam Wicks	05 AGENCY OEPA	06 ORGANIZATION NEDO/DSHWM	07 TELEPHONE NUMBER 216-425-9171	08 DATE 10/10/84 MONTH DAY YEAR



<input type="checkbox"/> A. TOXIC	<input type="checkbox"/> E. SOLUBLE	<input type="checkbox"/> I. HIGHLY VOLATILE
<input checked="" type="checkbox"/> B. CORROSIVE	<input type="checkbox"/> F. INFECTIOUS	<input type="checkbox"/> J. EXPLOSIVE
<input type="checkbox"/> C. RADIOACTIVE	<input type="checkbox"/> G. FLAMMABLE	<input type="checkbox"/> K. REACTIVE
<input type="checkbox"/> D. PERSISTENT	<input type="checkbox"/> H. IGNITABLE	<input type="checkbox"/> L. INCOMPATIBLE
		<input type="checkbox"/> M. NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
OH 0097947097

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

Corrosives used in conjunction w/ surface waste oil in drums. Small quantity generator, so no storage permit required. small amount solvent (FOOI)
More runoff than infiltration likely on-site

01 ☒ B. SURFACE WATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: App 20

04 NARRATIVE DESCRIPTION

An unnamed tributary to Tinkers Creek flows along the west side of Zircoa's property - it would be subject to contamination if a major, uncontained spill occurred. NPDES permit regulates wastewater discharges.

01 ☐ C. CONTAMINATION OF AIR

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

Have permits thru Air Quality Div.

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

N.A.

01 ☐ E. DIRECT CONTACT

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

N.A.

01 ☐ F. CONTAMINATION OF SOIL

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 AREA POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

MMB - Mahoning Urban Land Complex. Storm Sewer drainage assists in runoff problems; slow permeability of soil & impermeable concrete surfaces are normal characteristics & encourage runoff.

01 ☐ G. DRINKING WATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

(Cleveland City water - Lake Erie Intake)
Municipal water services residents in the area. Industrial development immediately adjacent to property.

01 ☒ H. WORKER EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

03 WORKERS POTENTIALLY AFFECTED: 100

04 NARRATIVE DESCRIPTION

Approx. # of employees of Zircoa - acid handling during processing.

01 ☐ I. POPULATION EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

N.A.



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PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE

02 SITE NUMBER

OH

Δ097947097

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

N.A

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)

02 ☒ OBSERVED (DATE: 7/78)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED:

04 NARRATIVE DESCRIPTION

Spill from drainage pipe - situation reported to OEPA & corrected.
Storage of wastes - potential for leak & runoff to sewers; stream

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Storm sewer drains to trib. of Tinkers Creek - spills could contaminate depending on precautions & volume.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None known

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: Approx. 20.

IV. COMMENTS

Zircos applied for storage permit in 1980, but was a small quantity generator and not required to obtain a permit. May fall into the new lower waste quantities for RCRA generator inspections; keep on low priority to check on their storage set up.

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

Soil Survey of Cuyahoga Co., Ohio; December 1980

See Part 2 VI.

